NATIONAL HEADQUARTERS
CIVIL AIR PATROL
UNITED STATES AIR FORCE AUXILIARY
MAXWELL AIR FORCE BASE, ALABAMA 36112-6332

18 June 2002

MEMORANDUM FOR ALL WING COMMANDERS

FROM: HQ CAP/DO

SUBJECT: Check Ride Trend Analysis (Suspense: 22 July 2002)

1. In accordance with the Statement of Work between the Air Force and CAP, wings are required to report check ride statistics on a semi-annual basis. This will help CAP target areas that need more emphasis during training. It will also help identify items that could potentially benefit from HQ-developed training materials.

2. Please have a member of your staff fill out the attached check ride survey and fax it to your respective CAP-USAF LR/CC. In addition, please fax an information copy to HQ CAP/DOV at (334-953-6342) no later than 22 July 2002. A downloadable copy of the attached survey can also be found at http://www.capnhq.gov/nhq/do/dov/index.html

3. Your representative should fill in the number of CAPF 5/91 flight checks accomplished and the number of flight check failures for your wing from 1 January 2002 to 30 June 2002. Also, they should use the survey provided to supply CAPF 5/91 information that identifies individual check ride items that were deficient.

4. The results from the first go around indicate “CAPR 60-1”, “Cockpit Management”, “Takeoff & Climbs,” “Flight at Critically Slow Airspeeds,” and “Approaches & Landings” (especially “X-wind Approaches and Landings”) need to garner more attention in our training programs. Your instructor pilots’ emphasis in these areas will help make our organization safer. Also, we are working on a Web-based reporting system that will be ready for the next cycle. If you or your staff have any questions, please contact Pete Kalisky at (334) 953-7853 or pkalisky@capnhq.gov. Thanks in advance for your attention to this important matter.

JOHN A. SALVADOR
Director of Operations

cc:
HQ CAP/CC/CV/CS/EX/IG/GC
All CAP RGN/CCs
HQ CAP-USAF/CC/CV/XO/IG
All CAP-USAF LR/CCs
All CAP-USAF State Directors

Attachment:
Check Ride Surveys

_____ **WING CHECK RIDE SURVEY**

## For the period 1 Jan 2002-30 June 2002

| TYPE CHECK | NUMBER GIVEN | NUMBER FAILED |
|---|---|---|
| CAPF 5 Check | | |
| CAPF 91 Check | | |
| **TOTAL WING** | | |

Please identify individual items that were rated unsatisfactory on check rides. Indicate the total number of documented deficiencies for each item for the reporting period. Example: If 2 pilots failed check rides for "Go-around", then put "2" in the block to the right of that item.

## CAPF 5 Airplane Deficiencies

| | | | |
|---|---|---|---|
| **I. ORAL DISCUSSION** | | **VII. INSTRUMENT REFERENCE MANEUVERS** | |
| A. CAPF 5 Written Exam | | A. Straight & Level Flight | |
| B. Review CAPR 60-1 & Supplements | | B. Constant Airspeed Climbs | |
| C. Review Flight Release Procedures | | C. Constant Airspeed Descents | |
| D. Review CAPF 9 Requirements | | D. Turns To A Heading | |
| E. Local Procedures | | E. Unusual Flight Attitudes | |
| **II. PREFLIGHT PREPARATION** | | F. Radio Nav & Radar Services | |
| A. Certificates & Documents | | **VIII. FLIGHT AT CRITICALLY SLOW AIRSPEEDS** | |
| B. Obtaining Weather Information | | A. Full Stalls - Power Off | |
| C. Determine Weight & Balance | | B. Full Stalls - Power On | |
| D. Determine Takeoff Performance | | C. Maneuvering At Crit Slow Airspeed | |
| E. Determine Cruise Performance | | D. Constant Altitude Turns | |
| F. Determine Landing Performance | | | |
| G. Cross-country Flight Planning | | **IX. GROUND REFERENCE MANEUVERS** | |
| H. Airplane Systems | | A. Rectangular Course | |
| I. Aeromedical Facts Understanding | | B. S - Turns Across A Road | |
| **III. GROUND OPERATIONS** | | C. Turns Around A Point | |
| A. Visual Inspection | | **X. NIGHT FLIGHT OPERATIONS** | |
| B. Cockpit Management | | A. Preparation & Equipment | |
| C. Starting Engines | | B. Night Flight Procedures | |
| D. Taxiing | | C. Factors Essential To Night Flight | |
| E. Pre-takeoff Check | | D. Airplane & Airport Lighting | |
| F. Takeoff Briefing | | **XI. EMERGENCY PROCEDURES** | |
| G. Post-flight Procedures | | A. Emergency Approach & Landing (sim) | |
| **IV. AIRPORT & TRAFFIC PATTERN OPS** | | B. System & Equipment Malfunction | |
| A. Radio Comm & ATC Light Signals | | C. POH Bold Face Knowledge | |
| B. Surface and Traffic Pattern Operations | | D. Emergency Descent | |
| C. Airport & Runway Markings & Lighting | | **XII. APPROACHES & LANDINGS** | |
| **V. TAKEOFF & CLIMBS** | | A. Normal Approaches and Landings | |
| A. Normal Takeoff & Climb | | B. X-wind Approaches and Landings | |
| B. Crosswind Takeoff & Climb | | C. Forward Slips to Landing | |
| C. Short-field Takeoff & Climb | | D. Go-around | |
| D. Soft-field Takeoff & Climb | | E. Short-field Approach & Landing | |
| **VI. CROSS-COUNTRY FLYING** | | F. Soft-field Approach & Landing | |
| A. Pilotage & Dead Reckoning | | **XIII. SAFETY AWARENESS** | |
| B. Radio Navigation | | A. Clearing Turns and Collision Avoidance | |
| C. Diversion | | B. Vigilance, Risk Management & Judgment | |
| D. Lost Procedures | | C. Fuel Management | |

## CAPF 5 Airplane Deficiencies continued

| | | | |
|---|---|---|---|
| **XIV. INSTRUMENT PROFICIENCY** | | F. Determine Weight & Balance | |
| A. Ground Prep (WX, AC systems, Flt Plan) | | G. Normal & Crosswind Takeoffs | |
| B. Air Traffic Procedures | | H. Normal Climbs | |
| C. Compliance with ATC Clearances | | I. Maximum Performance Takeoff & Climb | |
| D. Holding Procedures | | J. Flight at Critically Slow Airspeed | |
| E. Flight By Reference to Instruments | | K. Emergency Procedures | |
| F. Recovery from Unusual Attitudes | | (1) System & Equipment Malfunctions | |
| G. Intercept & Tracking (VOR & NDB) | | (2) One-engine Operation | |
| H. Instrument Approach Procedures | | (3) Engine Failure/Takeoff Below VMC | |
| ILS/MLS Approach | | (4) Engine Failure/After Liftoff | |
| VOR/VORTAC Approach | | (5) Engine Failure/En Route | |
| NDB Approach | | (6) Engine Out Maneuvering | |
| Circling Approach | | (7) Approach & Landing | |
| Missed Approach | | (8) Minimum Controllable A/S Demo | |
| **XV. MULTI-ENGINE PROCEDURES** | | (9) Instrument Flight Procedures | |
| A. Airplane Systems and Operation | | (a) Single-engine Precision Approach | |
| B. Use of Minimum Equipment List | | (b) Single-engine Non-prec Approach | |
| C. Determine Takeoff Performance | | (c) Single-engine Circling Maneuver | |
| D. Determine Cruise Performance | | (10) Normal & Xwind Approach/Landing | |
| E. Determine Landing Performance | | (11) Go-around | |

# CAPF 5 Glider Deficiencies

| | | | |
|---|---|---|---|
| **I. ORAL DISCUSSION** | | **V. GROUND LAUNCH (AUTO OR WINCH)** | |
| A. CAPF 5 Written Exam | | A. Visual Signals | |
| B. Review CAPR 60-1 & Supplements | | B. Normal & Crosswind Takeoffs | |
| C. Review Flight Release Procedures | | C. Ground Launch Abnormal Occurrences | |
| D. Review CAPF 9 Requirements | | **VI. IN-FLIGHT MANEUVERS** | |
| E. Local Procedures | | A. Straight Glide | |
| **II. PREFLIGHT PREPARATION** | | B. Turns to Headings | |
| A. Certificates & Documents | | C. Steep Turns | |
| B. Obtaining Weather Information | | D. Maneuvering at Critical Slow Airspeed | |
| C. Flight Instruments & Systems | | E. Stall Recognition and Recovery | |
| D. Determine Performance & Limitations | | **VII. PERFORMANCE AIRSPEEDS** | |
| E. Flight Preparation & Planning | | A. Minimum Sink Airspeed | |
| F. Equipment | | B. Speed-to-fly | |
| G. Aeromedical Factors | | **VIII. SOARING TECHNIQUES** | |
| **III. GROUND OPERATIONS** | | A. Thermal Soaring | |
| A. Assembly | | B. Ridge and Slope Soaring | |
| B. Visual Inspection | | C. Wave Soaring | |
| C. Ground Handling | | **IX. APPROACHES AND LANDINGS** | |
| D. Pre-takeoff Check | | A. Traffic Pattern | |
| E. Post-flight Procedures | | B. Normal and Crosswind Landings | |
| F. Takeoff Briefing | | C. Slips to Landing | |
| **IV. AEROTOW LAUNCH** | | D. Downwind landing | |
| A. Visual Signals | | E. Simulated Off-airport Landings | |
| B. Normal & Crosswind Takeoffs | | **X. SAFETY AWARENESS** | |
| C. Maintaining Tow Position | | A. Clearing | |
| D. Slack Line Procedures | | B. Collision Avoidance | |
| E. Boxing the Wake | | C. Checklist Usage | |
| B. Tow Release | | D. Stall / Spin Awareness | |
| C. Aerotow Abnormal Occurrences | | E. Vigilance, Risk Management & Judgment | |

# CAPF 91 Deficiencies

| | | | |
|---|---|---|---|
| **I. ORAL DISCUSSION** | | | |
| A. CAPF 116 Written Exam Passed (Initial only) | | **VI. EMERGENCY PROCEDURES** | |
| B. Mission Base Procedures | | A. Low Altitude Engine Failure | |
| (Sign In, Flight Plans, Reimbursement Forms) | | B. Ditching | |
| C. Air-to-ground Signals | | C. Landing on Unprepared Surface | |
| D. Mission Safety Principles | | D. Deteriorating Weather | |
| E. CAP Radio Procedures (as req) | | **VII. MISSION FLIGHT MANEUVERS** | |
| F. Individual & Crew Equipment/Clothing | | A. 720 Degree Steep Turns | |
| G. Search Procedures | | B. Turns About a Point | |
| H. Map and Chart Reading | | C. Message Drop Procedure (verbal) | |
| **II. PREFLIGHT PLANNING** | | D. Airspeed Control | |
| A. Determine Performance Limitations | | E. Low Speed Maneuvering | |
| B. Obtain Mission Briefing | | F. Low Level Navigation (without elec nav) | |
| C. Gridded Sectional | | H. Judgement | |
| D. Observer Briefing | | **VIII. SAFETY AWARENESS** | |
| E. Fuel Planning & Reserve | | A. Clearing and Collision Avoidance | |
| F. Ground Team Coordination | | B. Vigilance | |
| **III. VISUAL SEARCH PATTERNS & PROC** | | C. Cockpit Resource Management | |
| A. Locate Grid or Area (without electronic aids) | | D. Risk Management | |
| B. Establish Search Altitudes | | | |
| C. Parallel Search Procedures | | | |
| D. Creeping Line Search Procedures | | | |
| E. Expanding Square Search Procedures | | | |
| F. Ground Team Coordination | | | |
| **IV. ELECTRONIC SEARCH PATT & PROC** | | | |
| A. Locate Starting Point (with & without elec.) | | | |
| B. Establish Appropriate Search Altitude | | | |
| C. VHF-DF Procedures | | | |
| D. Wing Null Procedures | | | |
| E. Aural (build-fade) Procedures | | | |
| **V. MOUNTAINOUS TERRAIN PROCEDURES** | | | |
| A. Locate Grid/Area (with & without elec nav) | | | |
| B. Establish Search Altitude | | | |
| C. Contour Search Procedures | | | |
| D. Canyon Search Procedures | | | |
| E. Ridge Crossing Procedures | | | |
| F. Communications Procedures | | | |
| G. Wing/Updrafts/Downdrafts | | | |
| H. Mountain Wave Effect | | | |

Wing Authenticating Officer's Name _____ Signature _____ Date _____